

AGENDA

Introductions, Agenda Review 9:00am

Updates 9:10am

- Scope of work
- Verification of work plan development schedule
- Domestic/Monitoring well installation and sampling
- Status of Wabuska Drain WP
- Other site activities

Site conceptual model discussion 9:30am

Review and discuss draft. Seek agreement on model

Lunch (12:30 – 1:30pm) working lunch

Discussion of Community Relations Plan 12:30pm

Discussion of future work plans 2:00pm

Check-in on fugitive Dust WP development

Wrap-up and next steps 2:30pm

Adjourn 3:00pm

Notes on Updates

SOW was approved May 28 – all deadlines and schedules updated to reflect that “start” date.

Atlantic Richfield will conduct sampling Monitoring & Domestic well effort at end of June. (June 24th will begin activities)

Arrangements can be made to take split samples if desired. Could be done on domestic wells for those not being kept confidential.

Dietrick will coordinate with Bonnie.

EPA continues to take responsibility for access as needed – the monitoring well activities are covered under their access.

Atlantic Richfield installed/drilled the new monitoring wells yesterday (June 12th) Total Depth of 1st well approx. 31 feet. Groundwater found @ 12 ft. #1 half way between usgs13 and pump back system.
2nd well still being drilled –as of this morning @ 50 feet. Still had not encountered groundwater. #2 at half way between phipps and

Wabuska Drain is dry but there is vegetation.

No irrigation has been going on recently

Sulfates are being added to the fields (onion) right now and that will be reflected in samples.

A new field has been added on the reservation and the irrigation may create a water source to the Wabuska Drain.

Notes on Updates

Wabuska Drain WP – anticipate Monday (June 17) the latter approval will likely go on.

EPA, NDEP, BLM will be addressing their comments.

Behind schedule (30 days deadline)

Stan and Patrick will also have comments.

No water in drain to sample. May want to collect surface water during a storm event.

NDEP Water Quality Planning Bureau may be willing to collect samples – (over longer term may add credibility to sampling process by having state do it.) Art will check with them if YTWG desires

Want to avoid conflict over data

Still need to address background levels.

State sampling station @ Drain and Walker River confluence * has been collected. data that may be useful.

Art will give ARCO the data. The list of constituents is broad and applicable (just downstream of confluence of Walker River and Wabuska Drain – in Walker River)

This data is available through Water Quality Planning Bureau. Art will email link.

Would be helpful to sample drain right at the river to see what is reaching the river – note that this “impact” does not necessarily

Updates Continued

reflect impact from the mine because the drain is dry between the mine and the Walker River.

Need to test/investigate the potential mining related sediments deposited in the Wabuska drain incoming surface water will be impacted.

Past activities impacting current conditions need to be understood but current conditions in the area north of the mine site is an important piece in understanding what is going on in the drain now. Also helps to answer some of the historical question.

Look @ Wabuska Drain as a potential source in the groundwater work plan.

Site Conceptual Model

Purpose of model articulated in text generally work plans & data Summary reports will detail the factors in the model.

Purpose: gives us a common vision of what is happening at the site.

Defines the scope of the “big picture” at the site & helps us define the “turf” or boundaries of what we are looking at and how all the pieces (of the SOW) are interrelated. (not quantitative)

Put all the pieces together & show how they link.

This will be a dynamic document (even once final) to take into consideration what we learn.

Add Walker River to surface water (pathway)

Site Conceptual Model

What about future sources (i.e. Pit Lake could become a source?)

Site investigations may illuminate future conditions.

Figures could reflect more variation?

May not need pump back well figure.

Add dermal contact.

Does EPA have guidance on conceptual model? (Yes) Bonnie will investigate making it available (electronically)

Are there other models of these we could use?

- Rio Tinto (text more detailed)

- Leviathan

Would like more detail explaining in text: the parameters – relationships etc. Adding into text helps.

You have most of the elements in general but need text to help beef it up.

Add historical context (from interviews with workers etc.) To add Knowledge about operations that are significant to site model.

Prefer historical records from anaconda but in absence of records would like to see interviews of past workers to get at documenting historical operations.

Will get into more detail on 1) historical operations 2) constituents of interest (contaminants, measuring redox...) put these in text.

Conceptual Model Comments

Fugitive dust – may create secondary sources, after being deposited.

Similarly, sediments deposited historically may now be secondary sources.

Relationship between Fugitive dust, soils and sediments/evap ponds.

Secondary Sources in general could be beneficial to address in the Text and diagram.

Other drains (than Wabuska) also need to be included in the model and/or addressed in the text.

Connect Pit Lake to surface water in flow diagram.

Fugitive dust would also be eco-receptors.

Good to divide out human receptors as you have (not just lump it all together)

Add a color/code key for flow diagram to address meaning of various lines

Can you save the file as a non-alterable pdf file? (read only)

Ground water could be a potential secondary source of contamination to Pit Lake? 2-way arrow?

Sediments could be a secondary source of contaminants to surface water.

Figure 2 Discussion (conceptual model)

Near domestic wells show there were other drains (regardless of whether they received mine material)

Top right near ag. Area-add a picture of a drain with sediment and dashed line indicating potential leach ate to groundwater.

Fugitive dust – show dust deposits area that indicates potential for secondary source.

Pit lake cross – section: Lake could at some point be a source of contamination to groundwater–add dashed line to indicate relationship.

Add alluvial fan on Western side of site.
Change top of block to show aggregate.

*Note - A more detailed hydrogeologic site mode will be developed to address some of the issues.

Add “to Walker River” at N. end of Wabuska drain.

Add animals

Show down gradient tends to be North

Add, “process areas” in cross-section-through ponds.

Remove the pump back and domestic well pop-up

Land fills have been documented – add to diagram but not cross-section include in process areas

Comments on Conceptual Model

Add sewer treatment ponds as potential sources of ground water impacts

Transite Pipe is out there too and may be source of asbestos (add to text) these will all be covered in the process area work plan.

Use text to better define “turf” and processes.

Next Steps

Deadline for written comments to NDEP:

July 15th (day before next YPTWG mtg.)

Community Relations Plan

Modeled after Rio Tinto

Focus: Provide useful info. To Public and get info. From Public.

Success of Community Relations activities depends on YTWG.

Emphasize communications, translate technical info. increase awareness of activities.

Flexible, updated as necessary.

Suggestions for activities – simple/brief.

Would like to see a process for conduction interviews with community representatives.

Some local residents-not represented in our TWG mtg's. Still need to be informed. Or interviewed (solicit input from physic's

May want to get specific information from contacts to help beef it up-especially those people not attending as often.

Community Relations Plan Comments

Another goal is to integrate 2-way communications with the public early in the process. (Not just spreading/distributing information to them.)

May want to consider briefing community leaders once a year on a more concentrated level.

Make sure Council knows what is going on with non-technical issues (i.e. AOC)

May be worth briefing Tribal Council and others directly

Plan may call out specifics about public meeting efforts and details.

Identify Potential Locations (since the possible locations are limited)

Want to engage the group (YTWG) to decide options for Mtgs.

Fact sheets/newsletters-specify difference.

Break out Yerington and Walker River Tribal Gov'ts.

Add dates/milestones proposed as goals

Now is a good time to send something out to the Community-a lot going on-SOW, Gamplung, etc. so a good time to notify.

Try to clarify roles.

As the needs of the community changes-so will the plan

May want a shorter review time so full-group can review all fact sheets and newsletters

May want 3 lead agencies on "letterhead"? Or YTWG

Community Relations Plan Comments

Solicit additions to the mailing list

Include post card to be added to mailing list.

1st Newsletters Topics:

Familiarization/background on site

Frequently asked Questions? (Property values impacted?)

What is going on now? Drilling, sampling

Summarize schedule/future plans

Card for joining mailing list.

Summary of public involvement opportunities (TWG Mtgs)

Think about structure (recent events, meetings...)

SOW (what is it/status)

Agency roles/response.

Work Plans/Dates/directions for input

Emphasize what we've accomplished

Points of contact

Develop Procedures for producing regular newsletter.

Have a draft ready for review at next mtg.

Specify who will be maintaining the information repository

Prefer using term "participant" in YTWG include individual representative. Not just organization.

Community Relations Plan

ARC will work up a 1st Newsletter (and 1st Public Meeting)

First Public Meeting:

Want to be able to show something we've done

Don't put too much emphasis on the public meeting (also emphasize smaller targeted workshops)

Look at alternative formats for Mtgs.

Consider stakeholder Mtg 2x's/year.

Focus on drawing in locals

Same deadline for submitting comments:

July 15th to NDEP

Use plan as a dynamic "collection" of documents (fact sheets newsletters, mailing list etc.)

Updates

Airmetco currently considering removing liquids from its electro winning facility themselves under the state regulatory authority.

NEXT MEETING

WHEN: July 16, 2002 11:00am to 5:00pm Bring lunch

Where: BLM – Carson City office

Topics: Fugitive dust work plan
Detailed schedule
Newsletter rough draft
Follow-up on DOW activities

To do: Consider conference call at ARCO'S request to resolve questions on Wabuska Drain WP.

August Meeting – Aug. 20, 1 – 4pm @ YPT Gym, full stakeholder mtg.

Aug. 21, YTWG 9 – 3pm BLM Reno 1st choice.

BLM Carson 2ND choice.

Next Date: Sept. 24th

AOC Discussion

NDEP has provided a revised version of the AOC to BLM for review about a month ago – now about a week late getting response to NDEP.

Latest version has BLM as a party.

Using Rio Tinto AOC as a template

BLM hoping to have it to NDEP within the week.

ACTION ITEMS

Art will update W.P. schedule with changes:

Wabuska drain deadline should read: “already received on accelerated schedule”

Community relations plan: “received on June 13th on accelerated schedule”

